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20. ABSTRACT (Continue on reverse side if necessary and identity by block number	<u> </u>
Meteorological data gathered for the launching of	19306B MLRS, Missile
Numbers 1107, 1104, 1106, Round Numbers V-125, V1-tabular form.	Zo and v-Z/ are presented in
Cabular Toriii.	

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## INTRODUCTION

19306B MLRS , Missile Numbers 1107, 1104 and 1106 ,
Round Numbers V-125, V-126 and V-127 , were launched from Snake Site
White Sands Missile Range (WSMR), New Mexico, at 1112:59, 1113:04 and 1113:11
on 19 February 1980 . The schedule launch times were 1100, 1100:04 and
1100:08
DISCUSSION
Meteorological data were recorded and reduced by the White Sands Meteorological Team, Atmospheric Sciences Laboratory (ASL), White Sands Missile Range, New Mexico. The data were obtained by the following methods:  1. Observations
a. Surface  (1) Standard surface observations to include pressure, temperature $(^{\circ}C)$ , relative humidity, dew point $(^{\circ}C)$ , density $(gm/m^3)$ , Wind direction and speed and cloud cover were made at the Snake Met Site at T-O minutes.
(2) Anemometer data were provided from existing pole-mounted and tower-mounted anemometers at LC-33. Monitor of wind speed and direction from one anemometer was also provided in the launch control room.
b. Upper Air
(1) Low level wind data were obtained from RAPTS T-9 pibal observa-
tion at:
SITE AND ALTITUDE
DENVER 2Km
(2) Air structure data (rawinsonde) were collected at the following Met Sites. Data were collected from surface to 104.500 feet in 500-feet increments.  SITE AND TIME
JALLEN 1100 MST

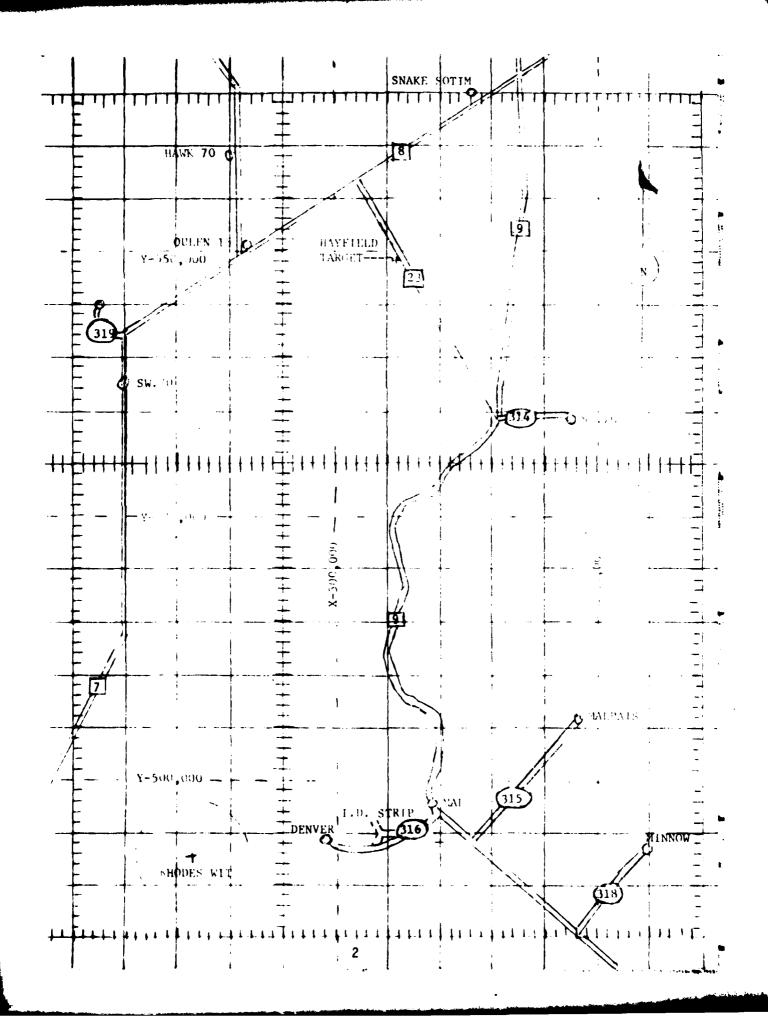


TABLE 1. Surface Observations taken at 1100 MST, 19 February 1980, at Snake Site, 19306B MLRS, Missile Numbers 1107, 1104, 1106, Round Number V-125, V-126, V-127.

FLEVATION	UNKNOWN	rr/MSL
PRESSURE	864,9	MDS
TEMPERATURE	16.3	OC.
RELATIVE HUMIDITY	41	
DEW POINT	3.0	0 C
DENSITY	1036	GM/M <sup>3</sup>
WIND SPEED	01	KTS
WIND DIRECTION	260	DEGREES
CLOUD COVER	10	Ac

## PILOT BALLOON MEASURED WIND DATA

TABLE	2									
RELEASED	FROM Den	ver Sit	e	DATE	19 Februa	ry 1980	<b>.</b>		TIME 1115	MST
TRACKER	COO	RDINATE	s (W	STM) X=	499,064.03	У	493	,904.12	H: 412	3.10
NOTE: W	IND DIRECTI	ONS ARE	REF	ERENCED T	O TRUE NORTH	١.				
HEIGHTS	ARE METERS	AGL_XX	UR	FEET AGL_	•					
HEIGHT AGL	DIRECTION DEGREES	SPEED KTS			DIRECTION DEGREES	SPEED KTS		HEIGHT AGL	DIRECTION DEGREES	SPEED KTS
SFC	<b></b>									
90	169	04								
150	143	03								İ
210	230	02		; ;				· · · · · · · · · · · · · · · · · · ·		
270	217	06			<u></u>					
330	229	07								
390	222	09								
500	226	11		! 						
650	223	17								
800	230	13								
950	258	15				<u> </u>				
1150	274	24			ļ					
1350	280	28				!				
1550	289	33								
1750	288	38								
2000	280	42		L						
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19 FEB. EU 1100 HKS NSI	
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SIGNIFICANT LEVEL	7400°000c0	JALLE

TABLE 3

ot ODETTC COOKUTIANES 33-10712 LAF LEG 106-49511 LOG LEG

PRESSURE	OE E	1EMPE	TEMPERATUME	RLL - HUM
MILLIBARS	ALTITUUE , MSL FEET	AIR DEGREES	DEWPOINT CENTIGNADE	PERCENT
8/6.5	4051.0	13.5	12.4	J.3. N
9.998	•	10.8	7.7	
850.0	94.	11.3	۲•۶	•
718.9	9413.6		7.1	0.74
713.1	963		-10.0	34.1
700.0	013		-10.0	21.0
2.249	240	•	-14.6	0.44
4.419	55.21.	-2.1	-15.	36.0
0.766	1664	-12.0	-19.0	52.0
512.0	H12 ;•	-17.0	5.EI-	73.0
500.0	18715.2	-17.4	1.02-	13.1
462.8	_	-18.ts	C. 477.	19.0
•	2038.1.8	•	-12.v	0.7.
451.6		•	-5n•o	_ <del>_</del>
400.0		•	0.02	74.0
300.0	30402•0	-41.3	1.01,-	0.50
4.612		s	-47°C	
•				
218.9				
213.9		L.64-		
200.0	3957 ) • 5			
1/4.4	42527.6	-51.6		
150.0	45707.B	-57.6		
128.0	4874 5.7	-66.2		
114.4	5116.5.7	-70.0		
_	53303.9	-70.1		
95.8	_	-72.5		
81.4	_	4.09-		
90.09	58025.7	-61.6		
0.07	_	•		
63.7	_	•		
•	•	-61.1		
÷	_	-61.8		
42.2	_	3.		
•	74215.1	-58.3		
Ė	78227.4	6		
21.6	85021.6	-5a.8	٠	
•	ć	-56.3		
16.2	9107 4.4	-54.6		
ņ	2725	<b>6.6</b> 0€		

CONTRACTOR OF THE PROPERTY OF

SIATION ALTITUDE 4051.00 PEET MSL 19 Peb. 60 Asteristor No. 47

SIGNIFICANI LEVEL DATA OSOBOSOBAZ JALLEN

JEOULTIC COORDINATES JS.10712 LAT LEG 196.49511 LOG LEG

TABLE 3 (CONT)

RLL.HIJM. DEGREES CENTIONADE LEMPERATURE AIR DEWPOINT PHESSUME GEO:ETRIC ALTITUDE MÍLLIBAMS MSL FEET

-48.4 -46.7 12.3 97052.4 10.8 99399.9 10.0 10158).0 8.6 10494.0

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OH WOLLEY	101111	100°10	7 2		UPPER AIN LA	L. N. I.A.		JE OUR TI	JEOULTIC COONDINAIFS
19 FEB+ 20		TION HIKE MEI	I SE		JALLEN			55.	55-16712 LAT 1EG
ASCE:1510N 140.	140.				TABLE 4			106.	רסי ור
							-	1	2
GEUME INIC	PRESSURE	FE	IEMPEKATURE	REL . HUM.		SPELU OF	ATAU UNITE	4.1	ITILE X
ALIIIUDE MSL FEEI	AILLIBAKS	AIK DEGKEES	DEMPOI IT	PEPCLIVI	GW/COBIL MLTEK	さいこと AILCIA	DroRecto.	K:018	NEPHACT10.
4051.0	476.5	13.5	12.4	93.0	105•6	0,1,0	0.00	2.9	1.009362
45,00.0	862.3	10.9	3.1	58.2	1053.9	1.7.0	1500	<b>ಬ</b> •	1.000271
50,00.0	240.	11.1	· · ·	55.4	1054.3		721.0	3.1	1.00020
5500.0	831.6	10.1	1.,	54.8	1019.0		U • 50 7	6 • 1	1.00025.9
ŭ•nnda	815.9	2•6	••	53.8	1007.00	d.0,00	240.3	₹.6	1.000253
0.00,00	90108	8•2	•	52.8	4999 T	604.3	201.0	10.9	1.000243
7.0007	180.3	7.2	Û• <b>८−</b>	51.8	6-11/6	1.5.1	2.603	13.3	•
1500.0	171.8	6.2	-3.2	50.8	960.1		2/0.0	16.3	• nua2 s
0.000a	1.151	5.3	K • #	#O+	0.006		201.6	19.7	*3005.
0-005a	143.8	4.5	-5.5	48.8	9.5.0	0.49.0	263·4	23.3	1.0002.3
9000K		3.5	-4-1	47.8	ۥ316		6.707	27.2	1.4002.3
9500		3.1	ე•₽ <u>-</u>	42.5	605.0	1.01.0	7.202	51.2	1.00001
10000		3.1	-14.7	54.4	884 • 1	0.270	C•102	J • J • •	
10500		2.g	-15.6	24.2	87.5	t., / . 5	0.003	0.70	
11000.0		1./	-14.5	28.0	857.5	C.0.0	4.017	38.85	Induus I
11500.0		•	-13.7	33.U	Q • †: † B		7.017	= : = :	1.000159
140000		‡ • •	-13.2	37.4	852.0		216.0	39.7	1.000107
12500.0	D.54.4	-1.4	-13.1	40.6	817,+3	0.440	7.603	30.0	1.000194
13000.0	95150	-5·n	-14.3	38.5	80.7.08		6.co2	37.1	1.0001.0
15500.0	612.4	-5.	-15.0	36.1	h•36/		0.4.07	35.6	1.000110
Ű•00'' <b>'</b> †¶	0.+00	+ · · ·	-18·u	42•B	1.467	7.4°C	2002	34.4	1.000185
14500.0	7•76c	-12.3	-10°7	53.4	7.11	0, y.b	20107	33.5	1.000123
15000	C•08C	-12.9	-10.7	56.8	710.4	6, 0.7	7.602	33.8	1.00010
0.01.0c1	260.9	13.6	10.0	60.2	6+347		7.1.7	3.4.0	1.000177
10000	0.740	20.51	9.61	63.5	÷.		2/1-1	96.26	1.000174
1,000,01	240.0	114.4	119.5	500.3	730.5	<del>1</del>	0.1/2	36.0	1.0001.1
175,00.0	4446	2.4	~ · · · · ·	7.5.7	711.5		1.077	7.50	1.00016
O-Danat	2)4.0	10.0		77.1	X		7.677	7.07	1.0001.5
14500	204.5	-17.3	-20.1	78.6	0.40.0		7/2.4	46.1	1.00010
19000.0	7.464	-17.8	-20.5	79.0	0.579	to, 4.	5.4/2	52.3	1.00015.7
19500.0	ウ・ナジオ	-18.5	-511-5	0.67	06100		7.4/2	58.5	1.0001; 4
200000	474.5	-18.4	-20·o	83•2	h•7h9	0.2.0	260.4	0.49	1.000151
201,00.0	40t	18	-50.0	86.6	635.0		500.4	9.69	1.000149
21000.0	455.0	-18·4	+, • i) Z _	8.48	622+5		0./57	70.5	1.0001.00
21500.0	C.Otin	2.61-	-21•	83.0	th 1.0		251.0	711.3	1.000145
2~11111722	43/.4	-20.4	1.27-	ы.3	D11, .1		5+0+2	8.00 €	
2250U•ŋ	C•92+	7.	2• hZ-	9.07	2,0		-	5. x c	
3.00052	0.414	-22.8	255.0	6.47	-	בֿ ק	T • O • N	70.70	1.000135
0.00CZ	K • O T •	0.42	5 - 1 7 -	7.01	0.1.0	1.610	つ・ ナ ナ ソ	7	1.1001152

STATION ALTITUDE 4051.00 PEET MSL
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AIK DEWPOIJT PERCENT MILLIBAKS DEGREES CEHTIGRADE
-25.2 -28.4 74.5
7-59-7
-28.8 -52.3 71.6
-33.5
1.44.5
-32.3 -36.1 64.9 -34.5 -43.4 69.9
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1-43.7
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SIATION ALITIVOE 4051.00 FEET MSL	05000 5004.7	of ODETIC COORDIN
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19 FLM. 60				JALLEN	-		33.	53-16712 LAT 1EG
ASCE!;S1Uf;	• 011			TABLE 4	(CONT)		• <b>9</b> 01	011 507 1166
GEURIC INIC AL LITUUE	PHESSURE	IEMPEKATURE AIK DEWPOTIT	REL . HUM. PFRCENT	DFASTIY GM/CUMIC	SPECT OF	MIND DATA	TA PEEU	INULX OF
MSL FEE!	MILLIDAMS	DEGREES C		MLTER	NI 15	DEGREES(14)	K1,015	REF RACTION
44000.0	162.b	# · # S =		25.4.0	570.2	243.3	73.5	1.000058
44500.0	154.8	-55.3		254+11	5/5.U	241.4	73.4	1.000037
45000.0	•	-56.3		240.5	573.7	244.0	75.7	1.0000.5
45500.D		-57.2		544.4	5/5	240+5	78.2	1.000034
40000	147.9	-58.4		239.8	6.079	V•8+2	80.7	1.000053
4020U•0	0.441	7.65-		235.5	5.600	551.4	65.3	1 • 60000.2
4/0110+	Q+0+T	-61.0		231.2	50.7.4	503.6	85.3	1.000051
47590.0		-62.4		227.1	5c, b, b	554+1	83.9	1.000001
48000.		-63.1		223.0	5,5.6	0.4c2	61.7	1.00005.0
43500.0		-65.0		219.0	50.4.6	554.5	76.8	1.000049
47,000		-66.3		215+0	5.0.3	200.0	74.4	1.0000.48
0.00.64		-67.2		217.5	٧٠,٠٠	250°.	70.5	7 •0000 • 7
200000		-68.c		200.1		7.552	<b>5.</b> (2.)	1.060046
J-00500		P68.9		201.8	p. 2000	T•00%	7.01.	1.0000145
0.00.15		7-69-		197.0	, eq. ;	252.	74.2	
3.00010		0.0/-		1,72.4	0.000	ລ•ຄດ?	20.5	1.000
0.000.70	7.60T	-70-1		18.50	2 2 3 4 4	0.002	80.7	7 • 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
53000•0		-70-1		X * 2 / 1	7	3.003	1.03	
55500.0		-20°-		1/4.3	1 4	252.5	73.7	1.0000
54000		-70.4		1/0.2	7.4.0	254.7	66.1	1.0000 43
54500+0		-71.2		160.5	5.5.0	2-9c2	24.7	1. annus7
550UU.C		-72-1		163.0	554.4	200.4	43.8	1.00000.36
55500·1		-72.2		159.0	5,500	C++05	41.6	1.009050
5.00 Bac		-71.6		154.5	5,5.1	C.CO2	39.4	1.000034
565,00.0		-71.u		1,041	55.3°4	203.1	9•114	1.6000:3
J•00/J/C		**D/1		140.9	\ • #OD .	7.00Z	42.9	1.30/1052
3.00576		8-64-8		141.0	5,5°,5	6.702	H 3 . H	1.0000022
03000 7311110	24.5	-62.6 -63.3		155.6	ง : ถ้า ถ้า	N . 0 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1 . 1	65.0	1.00000
0.0000		3.70		0.00	ອ : ດາດ	h++02	6.14	6 70005.4
2.000000		10		7.721	ດຳດ	7.007	7.65	1.000.1.8
0.000	0.67	165.0		124.5	1.4.10	6-107	3/•5	1 • COUD! 3
				121.9	5.50c	24.9.0	35.7	1.0002.7
0.00500		/ • #Q		119.2	٠, ۲ ۲	240.0	34.3	1.0000,7
6.00 H	0.60	-65.5		110.0	501.7	244.5	33.6	1.00002n
0.00570		9.69		110.9	5,1,5	233.4	36.d	1.000025
9.00029		-65-68 -		111.3	6°0°3	249.5	40.5	1 • pondo, 5
0.005.20		1.001		1. · .	ຄ. ວິດ	4.7.7	40.1	1.00000
0.0000		n		105.48	0.1.0	414.5	37.1	1.0000
0.00500	C•19	0.491		102.0	7.8.7	201·4	35.4	1.0000.3

SIALION ALTIT	UDE 40	51.00 FFET MSL 1100 HMS MS1		UPPER AIR JA 0500030047 Jallen	147 147		05.00ETf0	0.E.ODETIC COGRDINATES 53.10712 LAT DEC 106.49311 108 115
	•			TABLE 4	(CONT)			
GEUME INIC	PRESSURE	34	HEL . HUM.		SPELD OF	AINU UNIA	1.6	11.0£.X
ALIIIUUE	A SA	MIK DEWPOILT	PERCENT	6M/CUBIC	Chicata Alimina Alimina	DIRECTION OF USE	SPEFU	OF REFRACTION
		ביארבי	•	; ;	<b>'</b>			
04U00.0	60·u	5.5.5		9.06	• •	1.001	28.0	1.00002
0.013.49	0.80	-62-1		ָ בְּיִינְ בְּיִינְ	0°00'	1001	27.5	1.0000.1
G-DOUGO P-UIVAG	7.65	-6163		9.16		7.661	24.0	1.00005
v-00000	# # C	# 1 V		3.00		2.4.2	23.7	1.900060
0.00.00	53.1	-61.5		87.3		6.00	23.1	1.000619
იარიის ი	51.8	-61.6		H5.3		79.0	17.5	1.400019
07500.n	50.5	-61·/		8.28 E - 13		2 i	12.2	1.000.19
V 001100	7 - 7	-0163		C • Yo		0 0 4	* ° °	870000°7
0.00000	17.0	1.52.22			วาก วาก กัก	9-10	200	1.000017
0.00,.60	45.6	162.4		15.7		7.6/	2.0	1.00017
70000	/ - 1 1	-62.6		0.1/		to	₹.6	1.000010
70500	45.0	-62.8		72.2		7.42	13.8	1.000016
/1000·n	45.0	-62.9		70.5		Ω••,Ω	18.0	1.000016
71500.0	C•1h	-62.5		69.7		オ・ナカ	22.4	1.000015
-	40.5	-61.		<b>9.</b> 39		V	26.7	1.000015
74:00.0	0 X	2.101			0.7.7 U. 1	00°0	7.70	# Table 1 * 1
73500.0	3/•/	1 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21		61.0		4.00	27.7	* 1 0 0 0 0 · 1
74000-3	30.8	-58.6		2.69		83.1	25.5	1.00013
74500.0	35.4	#58.4		5.36		6.78	23.2	1.000013
0.0000/	35.4	-58.0		96.9		4.50	20.8	1.000013
0.00,57	7.50	-5a.		9•54		01.0	19.1	1.000012
7.00,007	4.00	2.8°		₩. ₩.		2.00	18.0	1.00012
D-005.0/	0.7C	0		υ. .) -	1,0/0,1	7 1 2 2	0.01	1.00012
0.00°//	31.1	1 · · · · · · · · · · · · · · · · · · ·		3. CA		10.4	16.4	1.00001
/bund•n	30.3	-59.5		49.5		*•3/	16.5	1.00001
Ú•00€R/	29.6	<b>-</b> 59.6		43.5		Q.00	17.0	1.00001
19:00:0	20.7	9.6'-		47.1		C•20	18.3	1.000010
79',00.0	28.6	-59.0 		3.0 t		0.0%	19•8	1.000010
0.000p	2/13	1-29-1		O • 11 -		3.06 2.06 2.06 2.06 2.06 2.06 2.06 2.06 2	21.3	0100001
00500	, o	/ • 60 · ·		O • O • C		מינים	23.6	1.00001
0.000.00	2000	159.		9 :		6.0mT	· · · · ·	0100001
0.00000	1000	7-04-		0.7.			2000	
0.000	0.00	1.000 L		<b>2</b>		0.001	7 - 20	6
0 • 0 · 1 · 5 · 4	2000	7.65				7.11.1	21.5	1.000000
0.00000	23.6	#*************************************		0.000 0.000	7 C C C C C C C C C C C C C C C C C C C	1110.4	2.10	1.000644
	)			)		) 	1	

IN NOT IN	CON ACTION ACTIONS	DI.OO PEFI MSL	_	UPPLE AIR LAIM	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		COPLIT	SCOPETTY COORDINAILS
19 FEB. 60				JALLEN	:		33.	33.16/12 LAT 11G
ASCERISTOR 140.	· OF			TARIF 4	(T)(C)		Lufi	106.49311 108 116
GEURE INIC	PHESSURE	J.	REL.HIM.		SPEED OF	*INL DATA	TA	Inuex
ALIITUUL MSL FEET	MILLIUARS	DESREES CENTIGRADE	PERCENT	GM/CUFIL METER	SOUND Kitc I s	DIRECTION DECKEES (IN)	SPEEU KR01S	OF REFRACTION
341188.0	22.1	-59.8		37.0	5.9.1	105.4	22.9	1.000003
84590.9	25.5	-59.8		36.42		103.4	24.4	1.000000
0.00 nca	21.6	-59.k		3.00		101.	26.3	1 • PO !! Gin B
<b>0∙00</b> 5ca	21.1	-54·B		54.3		7-1/6	30.5	1.000008
იიისეტ•	20.0	-57.7		33.5		7.056	34.5	1 • (((()()())
<b>80200∙0</b>	20.1	-50.6		4.56	_	0.16	38.8	1.0,30,40.7
8/000•9	19.6	-56.2		31.5		7•60	41.5	1.60006.7
8/200.0	19.4	-50.0		9.05°		0./5	9.27	1.000007
8400 <b>0.</b> 0	10./	-55.8		30.0		\$ · QD	43.6	1.500000.7
d8500•0	10.3	-55.6		2.3.3		\$ • ca	() • t) t)	1.50000.7
0.000KR	17.9	-55.4		20.6		a,c,p	41.0	1.0000
0.920 <b>0.</b> 0	17.5	155.4		6.7%		0.00	37.3	1 • 900 deo
90000F	1/•0	-55.U		27.2		Ǖ00	33.7	1.900.00
30500	10.0	154.8		20.0		4.13	30.2	1 • Duffer to
ù•nn∪16	10.3	1.4.0		45.9		2.00	26.8	1.0000
91500·U	15.9	-53.4		25.2		3.05 3.05	25.3	3.00.00.
U-00026	10.01 10.01	5.00		せっさい		7.76	19.0	* 1001001 *
450001	100	) · o · o			100	7	17.0	0 10 10 • T
C. 00000	14.0	\$ * O T		<b>1</b> 4 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 -	7.4	
34000 ·	14.1	0.64		2.4.0	-	2.45	14.	1.00000
94500.6	13.8	-48.b		21.4		4.02	7.5	3.00000
950,00	13.5	-48.2		50.9	-	91.6	14.2	1.400005
95 <sub>0</sub> 00.c	13.2	-47.B		23+4		1.60	14.0	1.00000
J•00006	12.9	-47.5		1.3.9		9./Q	13.8	1. 110000 4
90,000	12.6	-47.1		1 3.4		**ZC	14.3	trugata.
G•00076	12.5	1.041		19•0		2•00T	3•41 3	1. "Utilities
9.500.00 0.0057.6	1.21	0./ 4-		14.46		5•0;1 <b>T</b>	16.9	#10 10 1 · T
960000	0 4	0 • / 51		N : 0 1		112.00	# C	# 10:00v • T
1.00504	7-11	0 • 7 • 1		9.71		/•11.71	5 1	#80000 ·
0.00166	0.11	<b>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </b>		5 · / T		1.001	1.42	#10000 · I
3.00566 100001	) X	N		1 / 1		2 · 2 · 3 · 4 · 4 · 4 · 4 · 4 · 4 · 4 · 4 · 4		#10000.F
199-00-0	1.01	1 70 1		1		140.4		1.000004
101010-0	100.5	146.6		1 C		17.7	4 4 4	1 - 0000114
101500.0	10.01	\$ • G = -		10.0	_	15%	31.6	1.000003
102000.0	2.0	145.5		15.0		10/00	30.0	1.0000.3
102400.0	2.7	2011		14.0				1. (0.000.3
1050000	*• T	り・カセー		₹				1. 00663
103500.6	7.6	-43.B		4.04				1. 6600 33

STATION ALTITUD 19 FEB: 60 ASCENSION NO.	STATION ALTITUDE 40: 19 Feb. 60 Ascension 40. 4/	51.00 PEET MSL 11UN AKS MSI	ET MSL.	_	UPPER AIR LATA USOORSUU47 UALLEN TABLE 4 (CONT)	CONT)		ာ့	JEODETIC COORDIGATES 33-15/12 LAT 126 196-49511 LOH EEG
GEUME IMIC ALIITUDE MSL FEEI	GEUMEIMIC PRESSUME ALIITUDE MSL FEEI MILLIBAMS	Ç	IEMPERATURE REL-HUM. DEWSTIY SPELD OF AIR DEWFOLLT PERCENT GM/CUBIC SOUND DEGREES CENTIGRADE METER KINJTS	REL.HUM. PERCENT	REL.HUM. DEASITY SPEED OF PERCENT GM/CUBIC SOUND METER KNJTS	SPECT OF SOUND KILLS	#IND DATA DIRECTIO, SPEED DEGREESTED KNOTS	LA SPEEU KNOTS	INDEX OF REFERETION
104000.0	9.6 8.8	-45.5			13.0	13.6 5.0.6 15.3 591.2			1.000003

STATION ALTITUDE 4051.00 PEET MSL	MAIJDATONY LEVELS 05/1002/0047	UTODENIC COOKDINANES
19 FEB. ED. 1100 HKS MSI	JALLEN	33-10712 LAF 146
ASCE 1510N 140. 4/	i.	10c+4511 LON p.c.

2	IIIOUE 4051.00 PEET MSL 1100 HKS MSL	1 MSL 15 [		JALLEN	,		33-18712 33-18712
• •	÷			TABLE 5			106***301
	PMESSURE GEOPOIENTIAL	COPULENTIAL		TEMPERATURE	1.t 40.4.	William Colored	CAIA
	MILLIRAKS	PEET	DEGMEES	DEGREES CENTIGHAUL		Ξ	
	0.058	4871.	11.3	2•9	3. •	227.2	5+5
	800.n	. 4149	8.1	6	٠٤٠	258.3	11.1
	750.0	8283.	4.7	٠.٠.		582.4	, 1.h
	0.007	10171.	3.6	-10.0	. 1.	2.192	2,00
	0.059	12079.	9	-13.1	30.	<71.5	23.7
	6.09.0	14157.	-10.5	-19.0	• 5, 7	7.097	0
	D-044	16533.	-14.7	-19.0	9,2	271.1	32.1
	500.0	18648	-17.4	-20.1	.6/	275.4	46.6
	0.054	<12712	-18.7	-50.c	• •	<.55.5	6*:12
	0.004	<4114·	-25.6	-28∙8	74.	240.1	74.4
	350+0	27245.	-32.0	-30.7	• 90	255.5	64.7
	300.0	50743.	-41.3	-45.7	. <b>%</b> .	250.0	91.8
	0.045	54717.	-51.R			250.5	151.2
	200.0	594°7.	-4B.7			763.1	11/•6
	175.0	42350°	-51.5			252.0	61•1
	0.961	<b>45588</b>	-51.6			247.4	7.9.2
	125.0	49279.	0.79-			250.1	70.9
	100.0	53647.	-70.1			1555	70.1
	0.08	5/902.	-61.A			255.0	4.74
	0.07	olog3.	2.44-			7.447	.3.2
	6.00	63/61.	-63.3			19,2.5	7.00
	50.0 <b>c</b>	0/467.	-61.8			2000	10.4
	40.0	11987.	-61.3			P4•1	£ 25 . 7
	Z.0.C	77901.	4.66-			7.9.4	lu.h
	22·0	61642.	7.64-			105.9	6.7.9
	20.02	362.10	-50.3			0+06	37.6
	15.0	92273.	0.61-			93.0	10.0
	10.0	101052.	-45.7			160.5	4.10

\*\* AT LEAST ONE ASSUMED RELITIVE HIMIDITY VALUE WAS USED IN THE INTERPOLATION.